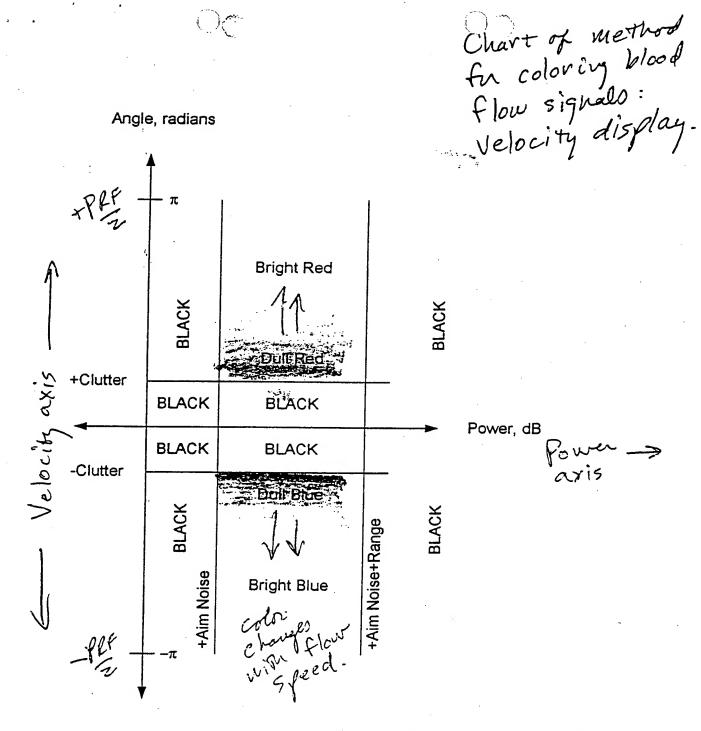


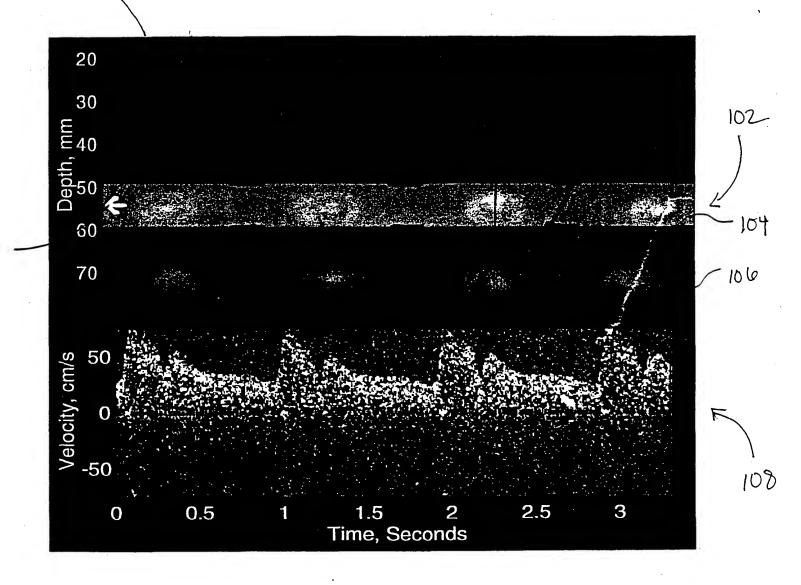
Chart of Method for coloring blood flow signals: Power display. Recall clutter filter is for rejecting low velocity items such velocity items such as tissue motion. Angle, radians 64 shades Jelocity axis +Clutter Cutoff BLACK **BLACK** Power, dB BLACK **BLACK** -Clutter Cutoff BLACK +Aim Noise+Range color

Depth Node color scheme for "Power Doppler" mode of operation, for mapping first lag autocorrelation and power data to colors for display.



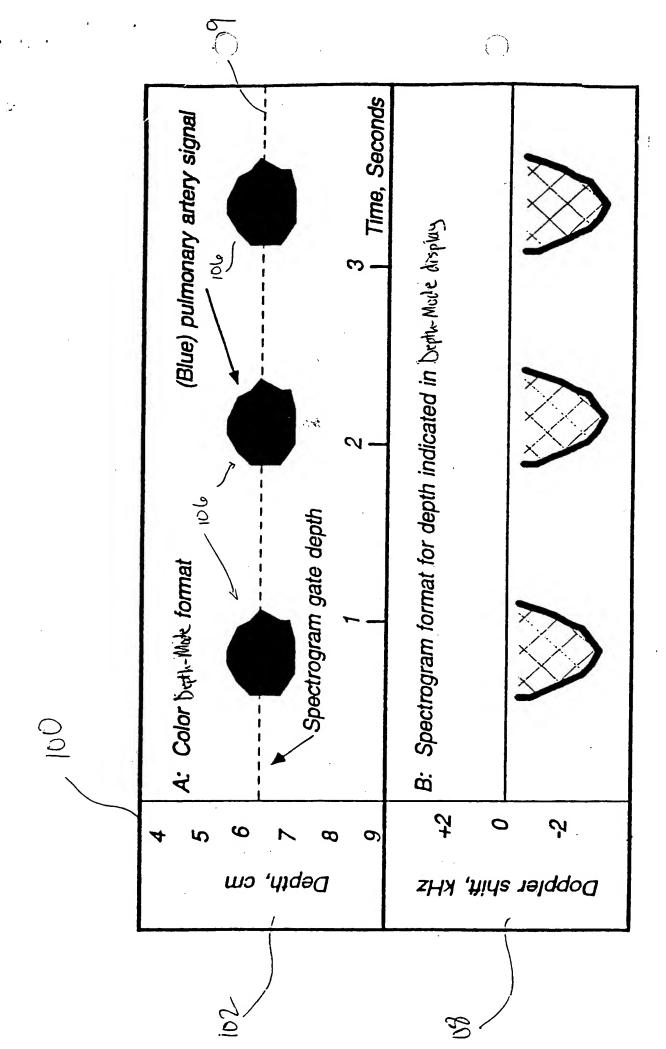
Depth-Mode color scheme for "Color Doppler" mode of operation, for mapping first lag autocorrelation and power data to colors for display. Note that the red and blue color scales extend all the way to Nyquist but that the intensity of color may have peaked to a plateau at 60% or 80% of Nyquist This mode is an alternative mode to the Power Doppler mode in the TCD specification.



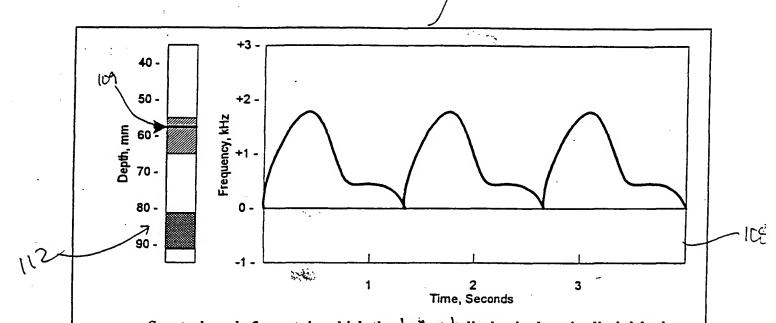


- Color original fild - remaderited mlor coor attached

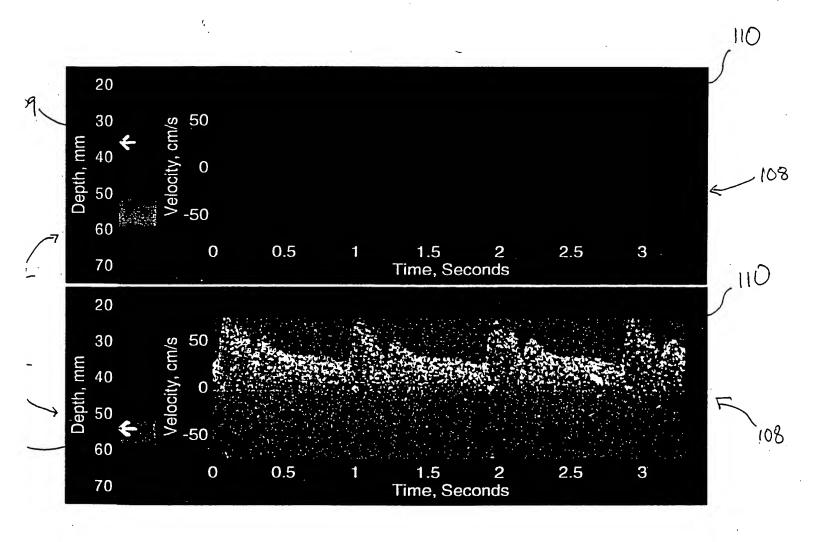
Figure 4







Spectral mode format, in which the depressed display is show in diminished form to the left of the standard spectrogram. The gate depth associated with the spectrogram is indicated by the arrow on the depth-mode display.



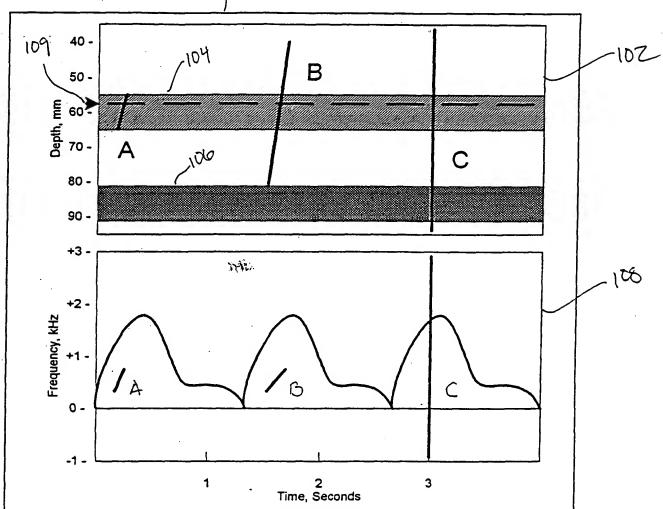
- Color original filed

Figure 7



Cic

Pic 3



TCD2 system Aim format response to microembolic and artifact signals: (A) is standard microembolus which shows within the depthe mode flow margin and as a one-sided embolic signature in the spectrogram. (B) is a microembolus with <u>strong</u> enough or <u>long</u> enough backscatter to be seen outside the flow margin—this is still a one-sided embolic signal in the spectrogram. (C) is an artifact which runs outside the flow margin in the depth-mate, has vertical slope (indicating many positions at the same time) and is not unidirectional in the spectrogram.

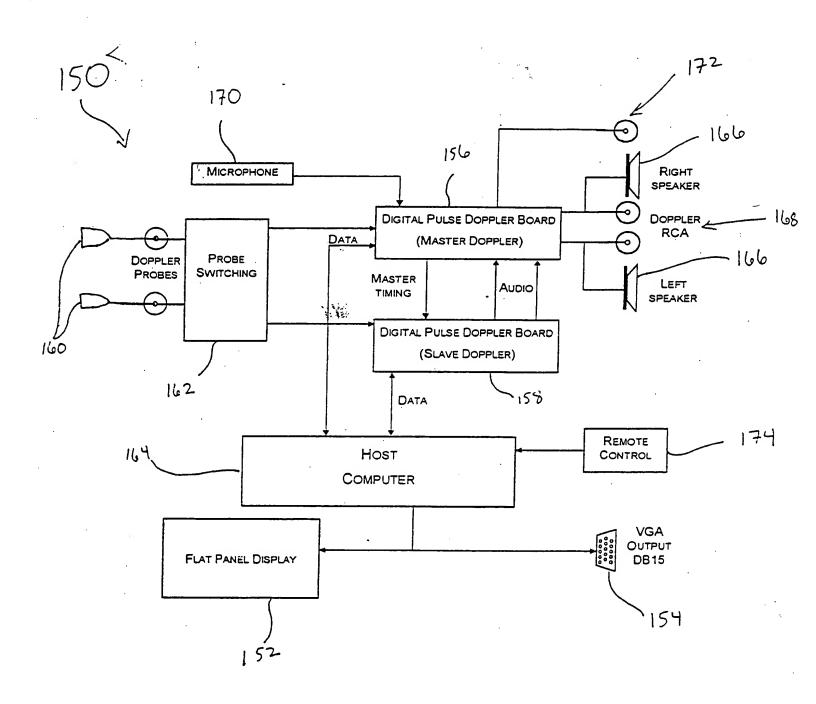
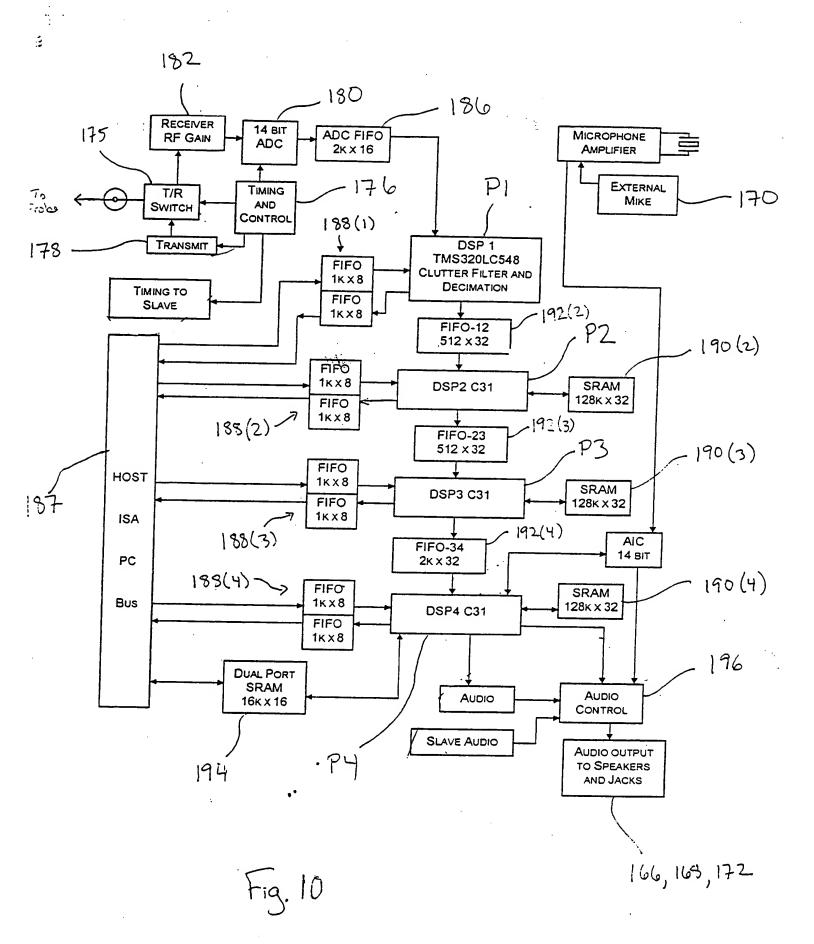


Fig. 9



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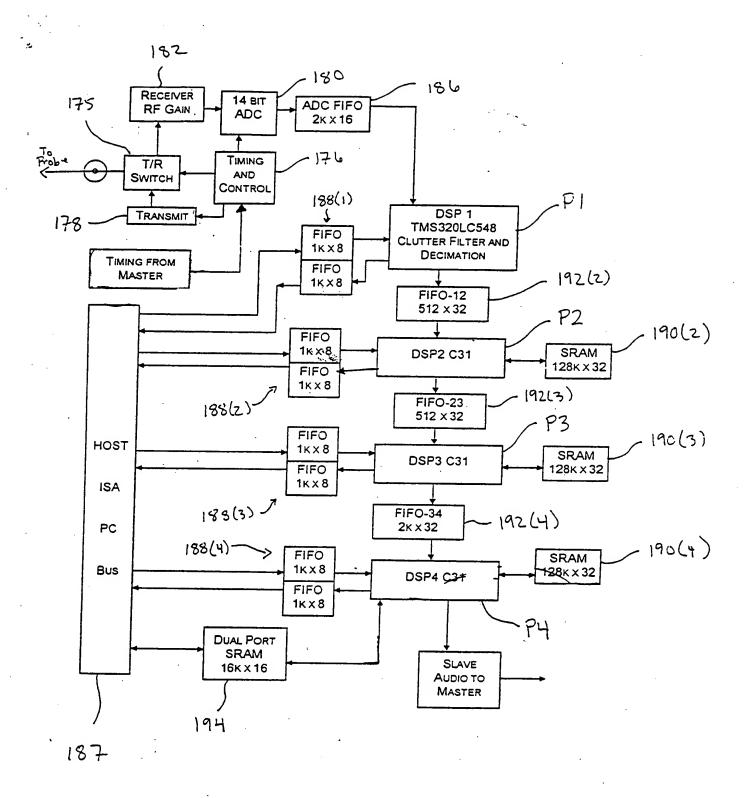


Fig. 11

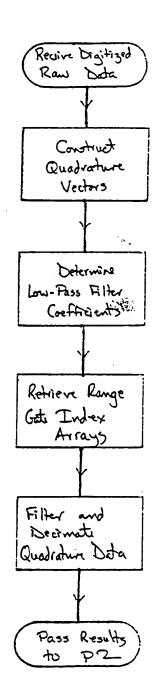
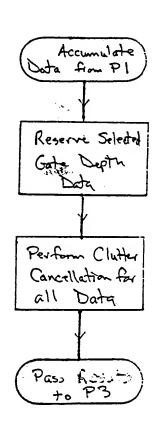
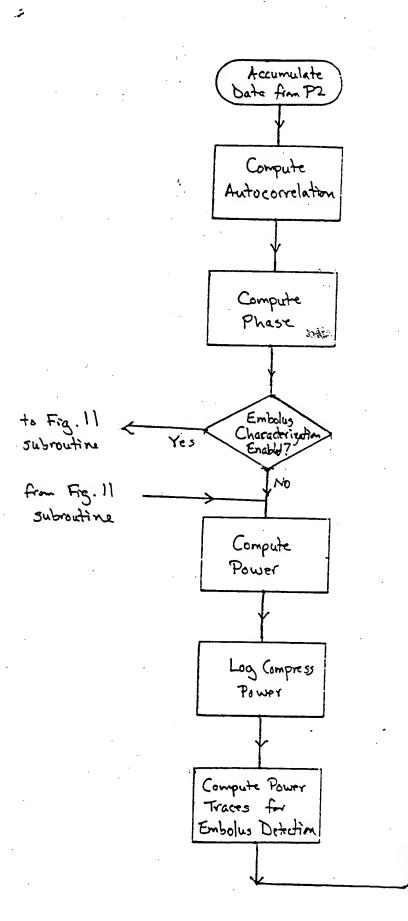


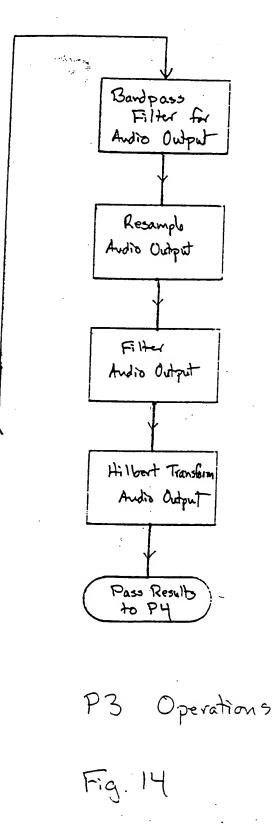
Fig. 12

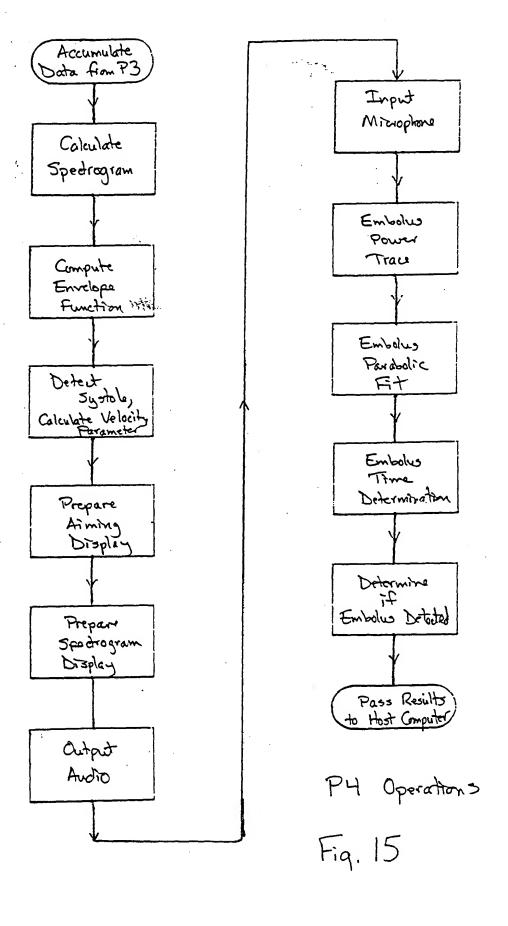
PI Operations

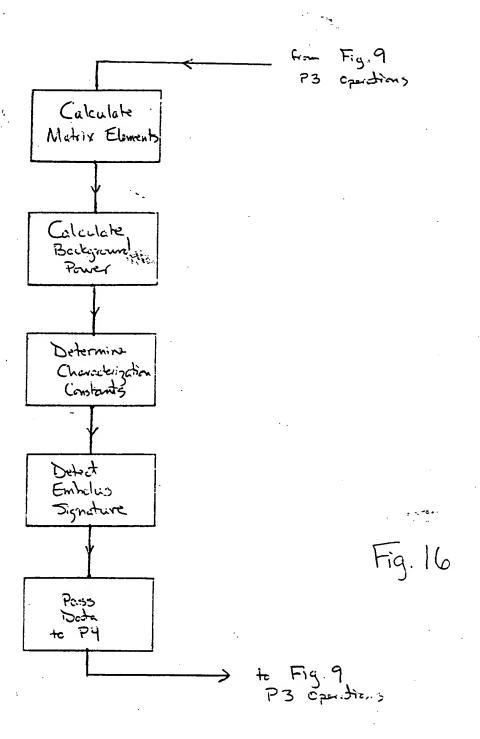


P2 Operations









Embelus Characterization Subscribine